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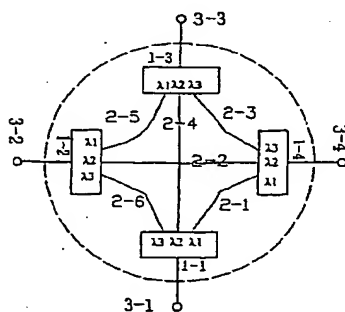
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(54) Title: AN ADDRESSING METHOD OF QUANTA NETWORK AND QUANTA NETWORK ROUTER

(54) 发明名称: 量子网络寻址方法及量子网络路由器



(57) Abstract: The addressing method of quanta network and quanta network router are disclosed, there are at least three nodes in the network, appoint every node a address serial number; send vary wavelength photon signal to others nodes. The photon signal regards signal source wavelength and node address as addressing badge; every node ensures the source of signal according received addressing badge of photon signal, quanta network router includes: external interface and photon signal allocator, the photon signal allocator includes N sets of optic part of an apparatus; one end of every optic part of an apparatus is mix wavelength interface, the other end is separate wavelength interface; the other end is separate wavelength interface; mix wavelength interface acts as external interface, separate wavelength of same wavelength optic part of an apparatus connects one to one. Using this invention can realize quanta communication in deed, includes quanta cryptographic key distribution, quanta network transmission, namely broad sense quanta communication, composing quanta computer addressing bus or quanta computer network etc.

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